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WPI Acc No: 1996-184715/199619

XRAM Acc No: C96-058497

Therapeutic against cytomegalovirus anti-genaemia - contg anti cytomegalovirus human monoclonal antibody recognising envelope glyco-protein, used for treating interstitial pneumonia, etc.

Patent Assignee: TEIJIN LTD (TEIJ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8059509	A	19960305	JP 94192421	A	19940816	199619 B

Priority Applications (No Type Date): JP 94192421 A 19940816

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8059509	A	6	A61K-039/42	

Abstract (Basic): JP 8059509 A

Therapeutic agents against cytomegalovirus (CMV) anti-genaemia contain an anti-CMV human monoclonal antibody recognising the envelope glycoprotein of CMV and neutralising CMV. Pref the glycoprotein is Glycoprotein B. Pref the antibody is IgG1, esp. ''legavyl mab (sic)''.

Also claimed are therapeutic agents against infection by the virus contg the antibody.

The antibody is produced by a mouse-human hybridoma formed by fusion of an antibody-producing cell sensitiser with CMV or its glycoprotein with the myeloma cell of mice in vitro in the presence of mitogen.

USE/ADVANTAGE - The infection is interstitial pneumonia, CMV hepatitis, or CMV nephritis. The agents control infection and are safe with few side effects.

In an example, a soln contg a human monoclonal antibody obt'd by the method described in International Patent No 87-03602, 0.2 pt wt ''legavyl mab (sic)'', 2 pts wt amino acetic acid, 0.2 pts wt human serum albumin, 0.9 pts wt sodium chloride and 96.7 pts wt of distilled water was prepd and sterilised, poured in glass vials in an amt of 20 ml per vial under sterile conditions and freeze dried to obtain a prod of ''legavyl mab (sic)'' in an amt of 40 mg per vial.

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Title Terms: THERAPEUTIC; CYTOMEGALOVIRUS; ANTI; CONTAIN; ANTI; CYTOMEGALOVIRUS; HUMAN; MONOCLONAL; ANTIBODY; RECOGNISE; ENVELOPE; GLYCO; PROTEIN; TREAT; INTERSTITIAL; PNEUMONIA

Derwent Class: B04; D16

International Patent Class (Main): A61K-039/42

International Patent Class (Additional): A61K-039/395; C12P-021/08

File Segment: CPI